

QY 2407 cagagaacccgagcgttcgtctgttggaacacaggttgatgaagtgagcagcagag 2466
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 DB 121 CAGGAAGCCCGGCGAGTTCCTGCTGTGGGAACACGCGTATGAAGTGAAGCAGCAGAG 180
 QY 2467 tctgcgtc 2474
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 DB 181 TGTGGCTC 188

RESULT 15

BF997839 183 bp mRNA linear EST 23-JAN-2001
 LOCUS MR2-GN0127-091100-005-d02 GN0127 Homo sapiens cDNA, mRNA sequence.
 DEFINITION BF997839
 ACCESSION BF997839
 VERSION BF997839.1 GI:12404162
 KEYWORDS EST.
 SOURCE human.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 REFERENCE 1 (bases 1 to 183)
 AUTHORS Dias Neto,E., Garcia Correa,R., Verjovski-Almeida,S., Briones,M.R.,
 Nagai,M.A., da Silva,W. Jr., Zago,M.A., Bordin,S., Costa,F.F.,
 Goldman,G.H., Carvalho,A.F., Matsukuma,A., Bala,G.S., Simpson,D.H.,
 Brunstein,A., deOliveira,P.S., Bucher,P., Jongeneel,C.V., O'Hare
 ,M.J., Soares,F., Brentani,R.R., Reis,L.F., de Souza,S.J. and
 Simpson,A.J.
 Shotgun sequencing of the human transcriptome with ORF expressed
 sequence tags
 Proc. Natl. Acad. Sci. U.S.A. 97 (7), 3491-3496 (2000)
 20202663

TITLE

JOURNAL MEDLINE
 COMMENT Contact: Simpson A.J.G.
 Laboratory of Cancer Genetics
 Ludwig Institute for Cancer Research
 Rua Prof. Antonio Prudente 109, 4 andar, 01509-010, Sao Paulo-SF,
 Brazil
 Tel: +55-11-2704922
 Fax: +55-11-2707001
 Email: asimpson@ludwig.org.br
 This sequence was derived from the FAPESP/LICR Human Cancer Genome
 Project. This entry can be seen in the following URL
 (http://www.ludwig.org.br/scripts/gethtml2.pl?fl=MR2&f2=MR2-GN0127-
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 Seq primer: puc 18 forward
 High quality sequence start: 16
 High quality sequence stop: 183.
 Location/Qualifiers

FEATURES

source

1..183
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 /dev_stage="Adult"
 /note="Organ: placenta.normal; Vector: puc18; Site_1: SmaI
 : Site_2: SmaI; A mini-library was made by cloning
 products derived from ONESTEP PCR (U.S. Letters Patent
 application No. 196,716 - Ludwig Institute for Cancer
 Research) profiles into the puc 18 vector. Reverse
 transcription of tissue mRNA and cDNA amplification were
 performed under low stringency conditions."
 BASE COUNT 28 a 56 c 63 g 35 t 1 others
 ORIGIN

Query Match 6.4%; Score 168; DB 10; Length 183;
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DB 76 CATTGGGAAGTTGGCTGCTCCCTTGGAGCCAGTCTCCGCGGCGGCGGCGCAGAGA 135
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Search completed: July 23, 2002, 19:00:50
 Job time: 5635 sec

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ACCESSION	AF637480	309 bp	EST 14-DEC-1999
VERSION	AI637480	309 bp	EST 14-DEC-1999
KEYWORDS	AI637480.1	GI:4689714	
SOURCE	human.		
ORGANISM	Homo sapiens		
REFERENCE	Eukaryote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.		
AUTHORS	1 (bases 1 to 309)		
TITLE	NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.		
COMMENT	National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index		
FEATURES	Unpublished (1997)		
source	Contract: Robert Strausberg, Ph.D.		
	Email: cgaps-rt@mail.nih.gov		
	Tissue Procurement: Christopher A. Moskalk, M.D., Ph.D., Michael R. Emmert-Buck, M.D., Ph.D.		
	CDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima Bonaldo, Ph.D.		
	CDNA Library Arrayed by: Greg Lennon, Ph.D.		
	DNA Sequencing by: Washington University Genome Sequencing Center		
	Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www.bio.lnl.gov/db/rrp/image/image.html		
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	Location/Qualifiers		
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	/clone="IMAGE:2240125"		
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	/lab_host="DH10B"		
	/note="Vector: pUT73D-Pac (Pharmacia) with a modified polylinker; Site_1: Not I; Site_2: Eco RI; Plasmid DNA from the normalized library NCI-CGAP GC4 was prepared, and ss circles were made in vitro. Following HAP purification, this DNA was used as tracer in a subtractive hybridization reaction. The driver was PCR-amplified cDNAs from a pool of 5,000 clones made from the same library (clonids 1257096-1258631, 1469064-1470983, and 1475392-1476743). Subtraction by Bento Soares and M. Fatima Bonaldo."		
BASE COUNT	56 a	92 c	91 g
ORIGIN			70 t
Query Match	10.7%	Score 282:	DB 9;
Best Local Similarity	100.0%	Pred. No. 9.66-147	Length 309;
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	309	CATTGGGAATTGCTCTCTTGAGCAATGCTCCGTGGGTGGCGCGGGCCAGAA	250
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	249	AGCCGCGAGGTTCGCTGCTGTGGGAACAACGCGAGGAGTGAAGCAGCAGGAGGTGGG	190
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Jul 24 11:39:20 2002

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LOCUS	BF993027							
DEFINITION	BF993027	324 bp	mRNA	linear	EST 23-JAN-2001			
ACCESSION	IL5-GN0178-311000-204-e09	GN0178	Homio sapiens	CDNA,	human sequence.			
VERSION	BF993027							
KEYWORDS	BF993027.1	GI:12399350						
SOURCE	EST.							
	human.							

REFERENCE	AUTHORS	TITLE	JOURNAL	MEDLINE	COMMENT
1 (bases 1 to 324)	Dias Neto, E., Garcia Correa, R., Verjovsky-Almeida, S., Britones, M.R., Nagai, M.A., da Silva, W. Jr., Zago, M.A., Bordin, S., Costa, F.F., Goldman, G.H., Carvalho, A.F., Matsukuma, A., Bala, G.S., Simpson, D.H., Brunsstein, A., deoliveira, P.S., Bucher, P., Jongsneel, C.V., O'Hare, M.J., Soares, F., Brentani, R.R., Reis, L.F., de Souza, S.J. and Simpson, A.J.	Shotgun sequencing of the human transcriptome with ORF expressed sequence tags	Proc. Natl. Acad. Sci. U.S.A.	97 (7), 3491-3496 (2000)	
	Contact: Simpson A.J.G.			20202663	

Shotgun sequencing of the human transcriptome with ORF expressed sequence tags
Proc. Natl. Acad. Sci. U.S.A. 97 (7), 3491-3496 (2000)
20202663
Contact: Simpson A.J.G.
Laboratory of Cancer Genetics
Ludwig Institute for Cancer Research
Rua Prof. Antonio Prudente 109, 4 andar, 01509-010, Sao Paulo-SP, Brazil
Tel: +55-11-2704922
Fax: +55-11-2707001
Email: asimpson@ludwig.org.br
This sequence was derived from the PAPSP/LICR Human Cancer Genome Project. This entry can be seen in the following URL
(<http://www.ludwig.org.br/scripts/p96html2.pl?IL=IL5&t2=IL5-GN0178>)
311000-204-e09&t3=2000-10-31&t4=1)
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FEATURES	Location/Qualifiers
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/clone_1lb="GND178"
/dev_stage="Adult"
/ncbi="Organ: Placenta normal; Vector: puc18; Site_1: SmaI
; Site_2: SmaI; A mini-library was made by cloning
products derived from ORESTES PCR (U.S. Letters Patent
application No. 196,716 - Ludwig Institute for Cancer
Research) profiles into the pUC 18 vector. Reverse
transcription of tissue mRNA and cDNA amplification were
performed under low stringency conditions."

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Best Local Similarity	99.7%;	Pred. No. 1.3e-115;		
Matches 315;	Conservative	0;	Mismatches 1;	Indels 0;
				Gaps

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QY	423	agcgagccagagagttccggtcttgagaccctaacgacgaagtgttcggtatggag	482
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REFERENCE	AUTHORS	TITLE
Eumariota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.	Dias Neto, E., Garcia Correa, R., Vertovski-Almeida, S., Britones, M.R., Nagai, M.A., da Silva, W. Jr., Zago, M.A., Bordini, S., Costa, F.F., Goldman, G.H., Carvalho, A.F., Matsumura, A., Bata, G.S., Simpson, D.H., Brunsel, A.V., de Oliveira, P.S., Bucher, P., Jongeneel, C.V., O'Hare, M.J., Soares, F., Brentani, R.R., Reis, L.F., de Souza, S.J. and Simpson, A.J.	Shotgun sequencing of the human transcriptome with ORF expressed sequence tags
Proc. Natl. Acad. Sci. U.S.A. 97 (7), 3491-3496 (2000)	Contact: Simpson A.J.G.	
20202863		

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Fax: +55-11-2707001
Email: asimpson@ludwig.org.br
This sequence was derived from the FAPESP/LICR Human Cancer Genome
Project. This entry can be seen in the following URL
(<http://www.ludwig.org.br/scripts/getcm12.pl?l1=QV0&t2=QV0-GN0140-121000-400-b09&t3=2000-10-12&t4=1>)
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FEATURES
source

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; Site_2: SmaI; A mini-library was made by cloning
products derived from ORESTRIS PCR (U.S. Letters Patent
Application No. 196,716 - Ludwig Institute for Cancer
Research) profiles into the pUC 18 vector. Reverse
transcription of tissue mRNA and cDNA amplification were
performed under low stringency conditions."
BASE COUNT      81 a      98 g      69 t
ORIGIN

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